EF02: LOI Review

Overview/Agenda

Announcements

Attend the <u>Snowmass Community Planning Meeting</u> next week! Monday 11am EDT - Thursday 4pm EDT

Sessions related to Higgs BSM:

Oct 6th:

Energy Frontier Introduction (+ EF General Sessions)

Higgs as a probe of new physics

Higgs Factories

BSM: direct and indirect searches

EFTs for new physics sensitivity studies

Intermediate lepton collision energies between 500 GeV and 3 TeV

Oct 7th:

Energy Frontier discovery machines

Announcements

Tutorials (in the past but slides posted)

Whizard for e+e- (organized by ILC, but fairly collider agnostic): Sept 28th at 12 PM EST (9 AM PST) [18:00 CERN]: https://indico.fnal.gov/event/45413/

FCC-ee/hh (day 3): Sept 29th at 10 AM EST (7 AM PST) [16:00 CERN] - https://indico.cern.ch/event/949950/

Muon collider: Sept 30th at 11 AM EST (8 AM PST) [17:00 CERN] - https://indico.fnal.gov/event/45187/

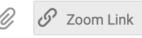
If you have ideas for an EF02 Topical meeting, do let us know!

Next EF02 meeting Oct 15th: Continued LOI Review

EF02: LOI Review!



Speaker: Huayang Song



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1	10:00 AM	→ 10:10 AM	Overview + Agenda Speakers: Isabel Ojalvo (Princeton), Isobel Ojalvo (Princeton University (US)), Patrick Meade (Stony Brook), Patrick Meade (Stony Brook University (US))	○ 10m niversity)	2-
1	10:10 AM	→ 10:20 AM	Prospects for probing light Yukawa at future hadron colliders via HH production Speakers: Lina Alasfar (Institut für Physik Humboldt-Universität zu Berlin), Ramona Gröber (Università di Padova and INFN, Sezione di Padova)	③10m	<u>Q</u> •
1	10:25 AM	→ 10:35 AM	Strange Quark as a probe for new physics in the Higgs Sector Speakers: Caterina Vernieri (SLAC), Valentina Cairo (SLAC National Accelerator Laboratory (US))	③10m	<u>Q</u> •
1	10:40 AM	→ 10:50 AM	Probing extended scalar sectors in multi-Higgs channels : Prospects at Future proton-proton Colliders Speaker: Fabio Ravera	() 10m	2-
1	10:55 AM	→ 11:05 AM	The Higgs Inverse Problem in Concrete BSM Models Speaker: Sven Heinemeyer (IFT (CSIC, Madrid))	○ 10m	2-
1	11:05 AM	→ 11:15 AM	2HDM under the Higgs and Electroweak Precision Measurements Speaker: Shuailong Li	○ 10m	2-
1	11:20 AM	→ 11:30 AM	MSSM Under Higgs Factories Speaker: Wei Su (Uni of Adelaide)	③10m	2-
1	11:35 AM	→ 11:45 AM	Precision Higgs Couplings in Neutral Naturalness Models Speaker: Haolin Li	③10m	<u>Q</u> -
1	11:50 AM	→ 12:00 PM	Exotic Higgs Decays in Type-II 2HDMs at Future 100 TeV Hadron Colliders	③10m	Q +